

AZD1283

Catalog No: tcsc3256



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

919351-41-0

Formula:

$C_{23}H_{26}N_4O_5S$

Pathway:

GPCR/G Protein

Target:

P2Y Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

470.54

Product Description

AZD1283 is a potent antagonist of the P2Y₁₂ receptor with EC₅₀ of 3.0 ug/kg/min, TI >10; with binding IC₅₀ of 11 nM.

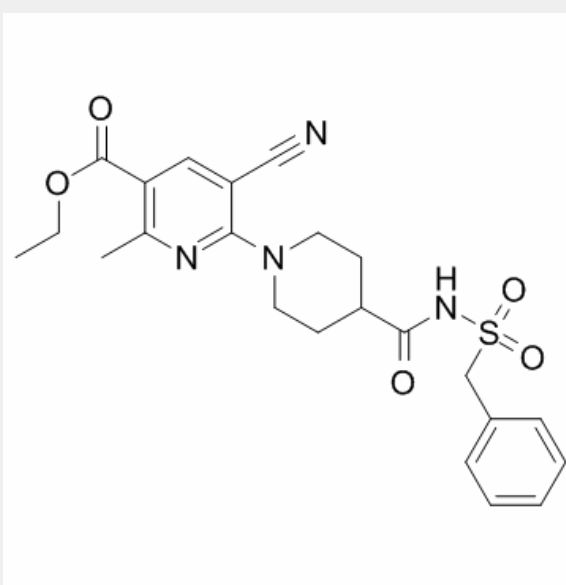
IC50 value: 3.0 ug/kg/min(EC50) [1]

Target: P2Y12 receptor inhibitor

AZD1283 dose-dependently induced increases in blood flow and inhibition of ADP-induced platelet aggregation with antithrombotic ED50 values of 3.0 and 10 µg/kg/min, respectively. The doses that induced a larger than 3-fold

increase in bleeding time were 33 and 100 µg/kg/min for 3 and 13, respectively. Thus, the therapeutic index (TI) was ≥10 for

both compounds. On the basis of these data, compound 3 was progressed into human clinical trials as candidate drug AZD1283.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!